

32–630 Draining and filling of pressure oil system

Oil grade

Hydraulic oil	refer to specifications for service products page 343 ³⁾
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Filling capacities

Total capacity of system	Oil supply tank made of metal ¹⁾	Oil supply tank made of plastics ²⁾
	approx. 4.2 l	approx. 3.5 l
Filling capacity of oil supply tank up to marks on oil dipstick	max. approx. 2.6 l	approx. 1.8 l
	min. approx. 2.0 l	approx. 1.2 l

1) Models 107.02, 114, 115; models 116 up to Nov. 1975.

2) Model 116 starting December 1975, models 123, 126 starting begin of production.

3) Available in 1-liter cans part no. 000 989 85 03.

Perm. oil consumption

For 10 000 km	max. 0.4 l
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Special tools

Filling funnel with filter	 11004-12075	126 589 12 63 00
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Box wrench insert open 11 mm 1/4" square, complete with change-over ratched and 2 extensions for pressure oil lines	 11004-6453	116 589 00 17 00
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Conventional tools

Open double-box wrench 10 x 11 mm	e.g. made by Hazet, D-5630 Remscheid order no. 612
Open double-box wrench 12 x 14 mm	

Note

For tightening pressure lines, use open box wrenches, but by no means standard open-end wrenches, to avoid damaging line connections. For better accessibility of individual line connections, for example on level controller, a special wrench has been developed.

For hollow screws and screw connections use only solid copper sealing rings of specified dimension. Renew sealing rings on principle.

Attention!

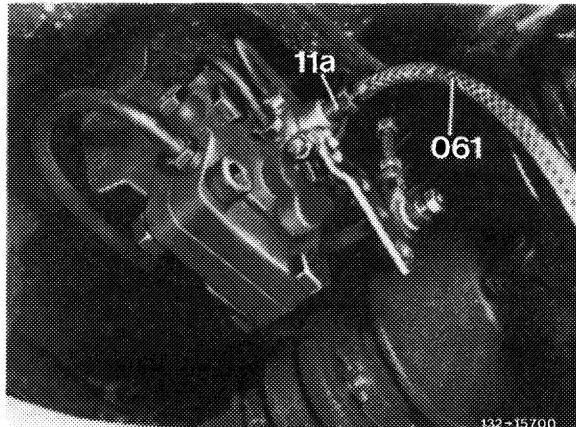
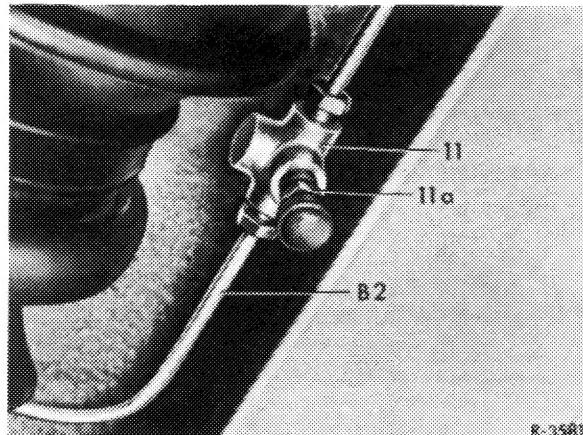
Pressure oil pumps MB and Teves operate on self-lubrication, that is, the delivered oil serves simultaneously as a lubricant.

In the event of a defect on level control system which leads to complete loss of hydraulic oil, and when vehicle cannot be repaired immediately, make sure that pressure oil pump Teves is not drawing any air. If required, remove driver of pump drive.

On engines 615, 616, 617, 116 and 117 do not remove driver together with pressure oil pump MB in the event of a defect on level control system, since otherwise the running engine will damage the intermediate gear shaft and the camshaft.

Draining the system

- 1 Open bleed screw (11a) on distributor (1st version up to February 1977) or on level controller (2nd version starting March 1977) and catch the oil (approx. 0.5 l) in a suitable, clean vessel.



11a Bleed screw
061 Oil drain hose